

PATENT



Case 0876

IPW

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re application of)
James H. Keithly)
Thomas Taggart)
COMMERCIAL POULTRY BREEDER)
CITRUS BYPRODUCT FEED)
SUPPLEMENT AND METHOD)
Serial No.: 10/784,855)
Filed: February 23, 2004)

Examiner:

Group Art Unit: 1761

CERTIFICATE OF MAILING	
Date of Deposit <u>June 28, 2004</u>	
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INFORMATION DISCLOSURE STATEMENT

Mail Stop Amendment
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Sir:

The references listed on the attached PTO forms are called to the attention of the U.S. Patent and Trademark Office. Copies of all of the references listed on sheets 3 and 10 of 10 are enclosed herewith for the Office's consideration. All of the others were submitted in an earlier application that is relied on for an earlier effective filing date under 35 U.S.C. § 120, in accordance with C.F.R. § 1.98 (d) (1); and the IDS

submitted in the earlier application complied with C.F.R. § 1.98 (a-c). Such earlier application is 10/017,126, filed on December 14, 2001. Sheets 1-2 and 4-9 represent the references cited in the Information Disclosure Statement (IDS) and Supplemental IDS of that application.

This statement is provided in order to comply with 37 C.F.R. § 1.56, § 1.97, and § 1.98, and this statement is not to be construed as a representation that no information exists which is more material than these references, or that the information is considered to be material to patentability.

This IDS is being filed before the mailing date of a first Office Action on the merits. Accordingly, it is believed that no additional fee is required for the submission of this IDS.

Respectfully submitted,

Raymond M. Mehler
Registration No. 26,306

COOK, ALEX, MCFARRON, MANZO,
CUMMINGS & MEHLER, LTD.
200 West Adams Street
Suite 2850
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Dated: June 28, 2004



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INFORMATION DISCLOSURE STATEMENT BY APPLICANT

(Use as many sheets as necessary)

Sheet 1 of 10

Complete if Known

Application Number	10/784,855
Filing Date	February 23, 2004
First Named Inventor	James H. Keithly
Art Unit	1761
Examiner Name	

Attorney Docket Number 0876-0178

U. S. PATENT DOCUMENTS

Examiner Initials*	Cite No. ¹	Document Number Number-Kind Code ² (if known)	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		US- 2,186,907	01-09-1940	Overton et al.	
		US- 3,647,476	03-07-1972	Swisher	
		US- 3,878,304	04-15-1975	Moore	
		US- 3,966,984	06-29-1976	Cocke et al.	
		US- 4,082,677	04-04-1978	Zollar et al.	
		US- 4,301,719	11-24-1981	Gerow	
		US- 4,331,692	05-25-1982	Devici et al.	
		US- 4,357,358	11-02-1982	Schanze	
		US- 4,560,561	12-24-1985	Henderson et al.	
		US- 4,789,551	12-06-1988	Savle	
		US- 5,082,675	01-21-1992	Jackson et al.	
		US- 5,304,374	04-19-1994	Graves et al.	
		US- 5,425,944	06-20-1995	Harich	
		US- 5,631,001	05-20-1997	Harich et al.	
		US- 5,972,343	10-26-1999	Therrien	
		US- 5,976,580	11-02-1999	Ivey et al.	
		US- 6,033,694	03-07-2000	Boley	
		US- 6,126,986	10-03-2000	Harris et al.	
		US-			

FOREIGN PATENT DOCUMENTS

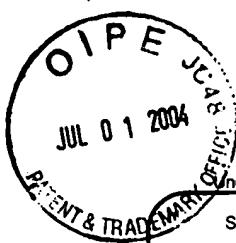
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Sheet 2 of 10

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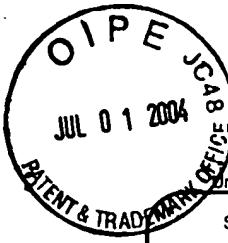
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INFORMATION DISCLOSURE STATEMENT BY APPLICANT

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Sheet 3 of 10

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		Country Code ³ ~Number ⁴ ~Kind Code ⁵ (if known)				
		DE 196 17 224 A1	11-06-1997	Simon		
		WO 03/051137 A1	06-26-2003	Keithly		

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				Examiner Name	
Sheet	4	of	10	Attorney Docket Number 0876-0178	

INFORMATION DISCLOSURE STATEMENT BY APPLICANT

(Use as many sheets as necessary)

Sheet

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First Named Inventor	James H. Keithly
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Attorney Docket Number	0876-0178

OTHER PRIOR ART-NON PATENT LITERATURE DOCUMENTS

Examiner Initials*	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T ²
	A	DEYOE, ET AL., "Citrus Bioflavonoids in Broiler Diets," <i>Poultry Science</i> , 1962.	
	B	FISHER, ET AL., "Avian Atherosclerosis: Retardation by Pectin," November 20, 1964.	
	C	HARMS ET AL., "Citrus Pulp for Poultry Litter and its Subsequent Feeding Value for Ruminants," Agricultural Experiment Stations Institute of Food and Agricultural Sciences, Bulletin 724, (Technical), April 1968.	
	D	ANGALET, ET AL., "Evaluation of Waste Activated Sludge (Citrus) as a Poultry Feed Ingredient," <i>Poultry Science</i> , 1976.	
	E	ELDRED, ET AL., "Evaluation of Waste Activated Sludge (Citrus) as a Poultry Feed Ingredient," <i>Nutrition Reports International</i> , August 1976, Vol. 14, No. 2.	
	F	SAVORY AND GENTLE, "Changes in Food Intake and Gut Size in Japanese Quail in Response to Manipulation of Dietary Fibre Content," Longham: printed in Great Britain,	
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	G	COLEMAN AND SHAW, "Amino Acid Composition of Dried Citrus Sludge and its Potential as a Poultry Feedstuff," <i>J. Agric. Food Chem.</i> , Vol. 25, No. 4, 1977.	
	H	BAIG and CERDA, "Studies on the Role of Citrus in Health and Disease," <i>Citrus Nutrition and Quality</i> , 1980.	

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INFORMATION DISCLOSURE
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Sheet 5 of 10 Attorney Docket Number 0876-0178

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Art Unit	1761
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OTHER PRIOR ART-NON PATENT LITERATURE DOCUMENTS

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	I	ROBBINS, "Medical and Nutritional Aspects of Citrus Bioflavonoids," Citrus Nutrition and Quality, 1980.	
	J	MOGHAZY and BOUSHY, "Some Neglected Poultry Feedstuffs from Vegetable and Fruit Wastes," World Poultry Science Journal, Vol. 38, 1982.	
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	L	SHAH, ET AL., "Effect of Dietary Fiber Components on Fecal Nitrogen Excretion and Protein Utilization in Growing Rats," Journal of Nutrition, 1982.	
	M	YANG and CHUNG, "Studies of Utilization of Citrus Byproducts as Livestock Feeds," Korean J. Amin. Sci. 26(3) pgs. 244-250, 1984.	
	N	YANG and CHUNG, "Studies of Utilization of Citrus Byproducts as Livestock Feeds," Korean J. Amin. Sci. 27(4) pgs. 239-245, 1985.	
	O	SUH, ET AL., "Utilization of Citrus Pulp and It's Effect on the Cholesterol Metabolism in Chicks," Korean J. Amin. Sci. 27(10) pgs. 673-678, 1985.	
	P	VELLOSO, ET AL. "Uso Da Polpa Citrica Na Alimentacao Animal," Rev. Fac. Med.vet.Zootec.Univ.S.Paulo, II:21-5, 1985.	
	Q	HUTTON, "Citrus Pulp in Formulated Diets," Recent Advances in Animal Nutrition in Australia, 1987.	

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Sheet 6 of 10 Attorney Docket Number 0876-0178

OTHER PRIOR ART-NON PATENT LITERATURE DOCUMENTS

OTHER PERTINENT PATENT DOCUMENTS		
Examiner Initials*	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.
	R	SIRI, ET AL., "Effects of Dietary Cellulose Level on Growth Performance Development of Internal Organs, Energy and Nitrogen Utilization and Lipid
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	S	ATTAWAY, "Citrus Juice Flavonoids with Anticarcinogenic and Antitumor Properties," Chapter 19, Food Phytochemicals I: Fruit and Vegetables, 1994.
	T	TAMASAUKAS, ET AL., "Evaluation of the Efficacy of Salstop and Digestor Broilers (Citrade C.A.), Two Products Derived From Citrus Fruit Seed Extracts, Against Avian
		Coccidiosis: Floor Pen Studies," Parasitol al Dia 20, pgs 118-124, 1996.
	U	MONTANARI, ET AL., "Health Promoting Phytochemicals in Citrus Fruit and Juice Products," Chapter 2, Functionality of Food Phytochemicals, 1997.
	V	ATTAWAY and BUSLIG, "Antithrombogenic and Antiatherogenic Effects of Citrus Flavonoids," Flavonoids in the Living System, 1998.
	W	KUROWSKA, ET AL., "Regulation of Apo B Production in HepG2 Cells by Citrus Limonoids," Chapter 13, American Chemical Society, 2000.
	X	OHARA and YAMAUCHI, "Effects of Dietary Fiber on Growth Performance and Intestinal Development in Chicks," Technical Bulletin of the Faculty of Agriculture,
		Kagawa University, 2000.

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Sheet

7

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	Y	FLOROU-PANERI, ET AL., "Effect of Feeding Dried Citrus Pulp on Quail Laying Performance and Some Egg Quality Characteristics," Arch. Geflugelk, 65(4),	
		pgs. 178-181, 2001.	
	Z	KUTLU, "Influences of Wet Feeding and Supplementation with Absorbic Acid on Performance and Carcass Composition of Broiler Chicks Exposed to a High Ambient	
		Temperature," Citations from Food Science & Tech. Abstracts (FSTA), 2001.	
	AA	PEACOCK and KIRK, "Comparative Feeding Value of Dried Citrus Pulp, Corn Feed Meal and Ground Snapped Corn for Fattening Steers in Drylot," University of Florida,	
		2001.	
	BB	CHAPMAN, ET AL., "Citrus Feeds for Beef Cattle," University of Florida, 2001.	

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	A	"FEED INFORMATION AND ANIMAL PRODUCTION. PROCEEDINGS OF THE SECOND SYMPOSIUM OF THE INTERNATIONAL	
		NETWORK OF FEED INFORMATION CENTRES" 1983, COMMONWEALTH AGRICULTURAL BUREAUX, SLOUGH, UK XP001149813	
		page 425, S.L. KANG and J.H. CHOI: "feeding value of dried citrus peel in broiler diets".	
	B	A.R.Y. EL BOUSHY & A.F.B. VAN DER POEL: "POULTRY FEED FROM WASTE: PROCESSING AND USE" 1994, CHAPMAN	
		& HALL LTD, LONDON, UK XP002236225, Chapter 6: Fruit, vegetable and brewers' waste, page 218, last	
		paragraph -page 224, paragraph 3.	
	C	A.R. ELDRED ET AL.: "Evaluation of waste activated sludge (citrus) as a poultry feed ingredient. 1.	
		Performance of chicks, broilers and laying hens" NUTRITION REPORTS INTERNATIONAL., vol. 14, no. 2,	
		1976, pages 139-145, XP008015422, XX, XX the whole document.	

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Sheet	9	of	10	Attorney Docket Number	0876-0178
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NON PATENT LITERATURE DOCUMENTS

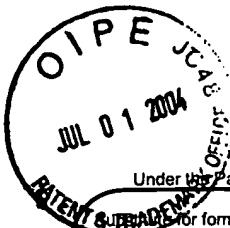
Examiner Initials*	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T ²
	D	P. FLOROU-PANERI ET AL.: "Effect of feeding dried citrus pulp on quail laying performance and some	
		"egg quality characteristics" ARCHIV FUER GEFLUEGELKUNDE, vol. 65, no. 4, 2001, pages 178-181,	
		XP008015425, VERLAG EUGEN ULMER GMBH, DE, ISSN: 0003-9098, page 179; table 2.	
	E	DATABASE WPI, Section CH, Week 199805, Derwent Publications Ltd., London, GB; Class B04, AN	
		1998-042617, XP002235942 & CN 1 136 402 A (ANYANG CITY ANIMAL QUARANTINE STATION), 27 November 1996	
		(1996-11-27) abstract.	

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				Complete if Known	
				Application Number	10/784,855
				Filing Date	February 23, 2004
				First Named Inventor	James H. Keithly
				Art Unit	1761
				Examiner Name	
Sheet	10	of	10	Attorney Docket Number	0876-0178

OTHER PRIOR ART—NON PATENT LITERATURE DOCUMENTS			
Examiner Initials*	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T ²
	AA	ABDEL-RAHMAN and EL-NAGGAR, "Chemical Composition and feeding values of 'Baladi' and 'Navel' orange-meals in poultry rations," Indian J. Animal Science,	
		June 1980, pp. 493-495, Vol. 50.	
	BB	PATEL, MCGINNIS and PUBOLS, "Effect of Dietary Cereal Grain, Citrus Pectin, and Guar Gum on Liver Fat in Laying Hens and Young Chicks," Poultry Science,	
		1981, pp. 631-636. Vol. 60.	
	CC	REHMAN, ALI, KHAN and SHAH, "Utilisation of Fruit and Vegetable Wastes in Layers' Diet," J. Sci. Food Agric., 1994, pp. 381-383, Vol. 65., Great Britain.	
	DD	International Search Report for International Application No. PCT/US 02/38657, filed on 12-04-2002.	

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